

## Author Index (Vol. 86)

- Admani, A.K., Mangion, D.M. and Naik, D.R.  
Extracranial carotid artery stenosis: prevalence and associated risk factors in elderly stroke patients (86) 31
- Akeson, A.L., Woods, C.W., Mosher, L.B., Thomas, C.E. and Jackson, R.L.  
Inhibition of IL-1 $\beta$  expression in THP-1 cells by probucol and tocopherol (86) 261
- Aliau, S., see Tabacik, C. (86) 123
- Althaus, M., see Jaeger, E. (86) 55
- Arrol, S., see Mackness, M.I. (86) 193
- Assmann, G., see Paulweber, B. (86) 239
- Beisiegel, U., see Matthys, E. (86) 183
- Bell, F.P., see St. John, L.C. (86) 139
- Berlin, E., Judd, J.T., Nair, P.P., Jones, D.Y. and Taylor, P.R.  
Dietary fat and hormonal influences on lipoprotein fluidity and composition in premenopausal women (86) 95
- Bhatnagar, D., see Mackness, M.I. (86) 193
- Bowyer, D.E., see McMurray, H.F. (86) 227
- Bruckert, E., see Guo, H.-C. (86) 69
- Buchholz, B., see Jaeger, E. (86) 55
- Carlson, L.A., see Johansson, J. (86) 111
- Chapman, M.J., see Guo, H.-C. (86) 69
- Charzewska, J., see Seidell, J.C. (86) 251
- Chun-Ling, Z., see Ying-Shan, C. (86) 9
- Cigolini, M., see Seidell, J.C. (86) 251
- Cooper, J.A., see Miller, G.J. (86) 163
- Cremer, P., see Siegrist, J. (86) 211
- Cruickshank, J.K., see Miller, G.J. (86) 163
- Cruz, A., see Seidell, J.C. (86) 251
- De Gennes, J.-L., see Guo, H.-C. (86) 69
- Descomps, B., see Tabacik, C. (86) 123
- Deslypere, J.-P., see Seidell, J.C. (86) 251
- Dudman, N.P.B., Lynch, J., Wang, J. and Wilcken, D.E.L.  
Failure to detect homocysteine in the acid-hydrolysed plasmas of recent myocardial infarct patients (86) 201
- Durrington, P.N., see Mackness, M.I. (86) 193
- Ellsinger, B.-M., see Seidell, J.C. (86) 251
- Farriau, J.-P., see Guo, H.-C. (86) 69
- Friedl, W., see Paulweber, B. (86) 239
- Funke, H., see Paulweber, B. (86) 239
- Georg, W., see Siegrist, J. (86) 211
- Gerlach, U., see Jaeger, E. (86) 55
- Guo, H.-C., Chapman, M.J., Bruckert, E., Farriau, J.-P. and De Gennes, J.-L.  
Lipoprotein Lp(a) in homozygous familial hypercholesterolemia: density profile, particle heterogeneity and apolipoprotein(a) phenotype (86) 69
- Hamsten, A., see Johansson, J. (86) 111
- Harty, D., see Mackness, M.I. (86) 193
- Hoelzl, B., see Paulweber, B. (86) 239
- Hofman, A., see Kok, F.J. (86) 85
- Ishola, M., see Mackness, M.I. (86) 193
- Jackson, R.L., see Akeson, A.L. (86) 261
- Jaeger, E., Rust, S., Roessner, A., Kleinhans, G., Buchholz, B., Althaus, M., Rauterberg, J. and Gerlach, U.  
Joint occurrence of collagen mRNA containing cells and macrophages in human atherosclerotic vessels (86) 55
- Järvi, L., see Savolainen, M.J. (86) 145
- Jauhiainen, M., see Salomaa, V.V. (86) 39
- Johansson, J., Nilsson-Ehle, P., Carlson, L.A. and Hamsten, A.  
The association of lipoprotein and hepatic lipase activities with high density lipoprotein subclass levels in men with myocardial infarction at a young age (86) 111
- Jones, D.Y., see Berlin, E. (86) 95
- Judd, J.T., see Berlin, E. (86) 95
- Kartovaara, L., see Salomaa, V.V. (86) 39
- Keller, C.  
LDL-apheresis: results of longterm treatment and vascular outcome (86) 1
- Kervinen, K., see Savolainen, M.J. (86) 145
- Kesäniemi, Y.A., see Savolainen, M.J. (86) 145
- Kleinhans, G., see Jaeger, E. (86) 55
- Kok, F.J., Van Poppel, G., Melse, J., Verheul, E., Schouten, E.G., Kruysen, D.H.C.M. and Hofman, A.  
Do antioxidants and polyunsaturated fatty acids have a combined association with coronary atherosclerosis? (86) 85
- Korhonen, H.J., see Salomaa, V.V. (86) 39
- Koshikawa, T., see Koyama, N. (86) 219
- Koyama, N., Koshikawa, T., Morisaki, N., Saito, Y. and Yoshida, S.  
Secretion of a potent new migration factor for smooth muscle cells (SMC) by cultured SMC (86) 219
- Kruysen, D.H.C.M., see Kok, F.J. (86) 85
- Kurup, P.A., see Latha, M.S. (86) 49
- Laakso, M., see Sarlund, H. (86) 17
- Labeur, C., see Matthys, E. (86) 183
- Labeur, C., see Van Biervliet, J.P. (86) 173
- Lamberigts, G., see Matthys, E. (86) 183

- Lameire, N., see Matthys, E. (86) 183
- Latha, M.S., Vijayammal, P.L. and Kurup, P.A.  
Changes in the glycosaminoglycans and glycoproteins in the tissues in rats exposed to cigarette smoke (86) 49
- Lynch, J., see Dudman, N.P.B. (86) 201
- Mackness, M.I., Harty, D., Bhatnagar, D., Winocour, P.H., Arrol, S., Ishola, M. and Durrington, P.N.  
Serum paraoxonase activity in familial hypercholesterolaemia and insulin-dependent diabetes mellitus (86) 193
- Mangion, D.M., see Admani, A.K. (86) 31
- Martin, J.C., see Miller, G.J. (86) 163
- Matthys, E., Schurgers, M., Lamberigts, G., Lameire, N., Vandecasteele, N., Labeur, C., Beisiegel, U. and Rosseneu, M.  
Effect of simvastatin treatment on the dyslipoproteinemia in capd patients (86) 183
- McMurray, H.F., Parrott, D.P. and Bowyer, D.E.  
A standardised method of culturing aortic explants, suitable for the study of factors affecting the phenotypic modulation, migration and proliferation of aortic smooth muscle cells (86) 227
- Meade, T.W., see Miller, G.J. (86) 163
- Melse, J., see Kok, F.J. (86) 85
- Michiels, G., see Van Biervliet, J.P. (86) 173
- Miesenboeck, G., see Paulweber, B. (86) 239
- Miller, G.J., Martin, J.C., Mitropoulos, K.A., Reeves, B.E.A., Thompson, R.L., Meade, T.W., Cooper, J.A. and Cruickshank, J.K.  
Plasma factor VII is activated by postprandial triglyceridaemia, irrespective of dietary fat composition (86) 163
- Mitropoulos, K.A., see Miller, G.J. (86) 163
- Morisaki, N., see Koyama, N. (86) 219
- Mosher, L.B., see Akeson, A.L. (86) 261
- Mukhin, D.N., see Orekhov, A.N. (86) 153
- Naik, D.R., see Admani, A.K. (86) 31
- Nair, P.P., see Berlin, E. (86) 95
- Nilsson-Ehle, P., see Johansson, J. (86) 111
- Orekhov, A.N., Tertov, V.V. and Mukhin, D.N.  
Desialylated low density lipoprotein – naturally occurring modified lipoprotein with atherogenic potency (86) 153
- Parrott, D.P., see McMurray, H.F. (86) 227
- Patsch, J.R., see Paulweber, B. (86) 239
- Paulweber, B., Wiebusch, H., Miesenboeck, G., Funke, H., Assmann, G., Hoelzl, B., Sippl, M.J., Friedl, W., Patsch, J.R. and Sandhofer, F.  
Molecular basis of lipoprotein lipase deficiency in two Austrian families with type I hyperlipoproteinemia (86) 239
- Pei-Zhen, Z., see Ying-Shan, C. (86) 9
- Penttilä, I., see Sarlund, H. (86) 17
- Peter, R., see Siegrist, J. (86) 211
- Pietinen, P., see Salomaa, V.V. (86) 39
- Pyörälä, K., see Sarlund, H. (86) 17
- Rantala, M., see Savolainen, M.J. (86) 145
- Rantala, T., see Savolainen, M.J. (86) 145
- Rauterberg, J., see Jaeger, E. (86) 55
- Reeves, B.E.A., see Miller, G.J. (86) 163
- Roessner, A., see Jaeger, E. (86) 55
- Rosseneu, M., see Matthys, E. (86) 183
- Rosseneu, M., see Van Biervliet, J.P. (86) 173
- Rust, S., see Jaeger, E. (86) 55
- Saito, Y., see Koyama, N. (86) 219
- Salomaa, V.V., Jauhiainen, M., Pietinen, P., Korhonen, H.J., Kartovaara, L., Vartiainen, E. and Tuomilehto, J.  
Five-year trend in serum HDL-lipoprotein cholesterol in the Finnish population aged 25–64 years. A suggestion of an increase (86) 39
- Sandhofer, F., see Paulweber, B. (86) 239
- Sarlund, H., Laakso, M., Voutilainen, E., Penttilä, I. and Pyörälä, K.  
Familial aggregation of non-insulin dependent diabetes and coronary heart disease are accompanied by different effects on serum lipids, lipoproteins and apolipoproteins (86) 17
- Savolainen, M.J., Rantala, M., Kervinen, K., Järvi, L., Suvanto, K., Rantala, T. and Kesäniemi, Y.A.  
Magnitude of dietary effects on plasma cholesterol concentration: role of sex and apolipoprotein E phenotype (86) 145
- Schouten, E.G., see Kok, F.J. (86) 85
- Schurgers, M., see Matthys, E. (86) 183
- Seidel, D., see Siegrist, J. (86) 211
- Seidell, J.C., Cigolini, M., Deslypere, J.-P., Charzewska, J., Ellsinger, B.-M. and Cruz, A.  
Body fat distribution in relation to serum lipids and blood pressure in 38-year-old European men: the European fat distribution study (86) 251
- Siegrist, J., Peter, R., Georg, W., Cremer, P. and Seidel, D.  
Psychosocial and biobehavioral characteristics of hypertensive men with elevated atherogenic lipids (86) 211
- Sippl, M.J., see Paulweber, B. (86) 239
- St. John, L.C. and Bell, F.P.  
Arterial lipid biochemistry in the spontaneously hyperlipidemic Zucker rat and its similarity to early atherogenesis (86) 139
- Suvanto, K., see Savolainen, M.J. (86) 145
- Tabacik, C., Valentin, J.-P., Aliau, S. and Descomps, B.  
Active cholesterol biosynthesis in cultured aortic smooth muscle cells: evolution during the life-span of the culture (86) 123
- Taylor, P.R., see Berlin, E. (86) 95
- Tertov, V.V., see Orekhov, A.N. (86) 153
- Thomas, C.E., see Akeson, A.L. (86) 261
- Thompson, R.L., see Miller, G.J. (86) 163
- Tuomilehto, J., see Salomaa, V.V. (86) 39
- Usher, D.C., see Van Biervliet, J.P. (86) 173
- Valentin, J.-P., see Tabacik, C. (86) 123
- Van Biervliet, J.P., Labeur, C., Michiels, G., Usher, D.C. and Rosseneu, M.  
Lipoprotein(a) profiles and evolution in newborns (86) 173

Vandecasteele, N., see Matthys, E. (86) 183

Van Poppel, G., see Kok, F.J. (86) 85

Vartiainen, E., see Salomaa, V.V. (86) 39

Verheul, E., see Kok, F.J. (86) 85

Vijayammal, P.L., see Latha, M.S. (86) 49

Voutilainen, E., see Sarlund, H. (86) 17

Wang, J., see Dudman, N.P.B. (86) 201

Wiebusch, H., see Paulweber, B. (86) 239

Wilcken, D.E.L., see Dudman, N.P.B. (86) 201

Winocour, P.H., see Mackness, M.I. (86) 193

Woods, C.W., see Akeson, A.L. (86) 261

Ying-Shan, C., Chun-Ling, Z., Pei-Zhen, Z. and Zhuo-Lin, D.  
Human aortic proteoglycans of subjects from districts of  
high and low prevalence of atherosclerosis in China (86) 9

Yoshida, S., see Koyama, N. (86) 219

Zhuo-Lin, D., see Ying-Shan, C. (86) 9



## Subject Index (Vol. 86)

- ACAT, (86) 139  
Angiography, (86) 85  
Anthropometry, (86) 251  
Antioxidant, (86) 85  
Aorta, (86) 123  
Apo(a) phenotype, (86) 69  
Apo B100, (86) 69; (86) 173  
Apo E, (86) 183  
Apolipoprotein(a), (86) 69  
Apolipoprotein E, (86) 145  
Artery, (86) 139  
Atherogenesis, (86) 261  
Atherogenicity, (86) 153  
Atherogenic lipids, (86) 211  
Atherosclerosis, (86) 17; (86) 55; (86) 139; (86) 145; (86) 153; (86) 227  
Autocrine system, (86) 219  
  
Blood pressure, (86) 251  
Blood rheology, (86) 1  
  
Cardiovascular outcome, (86) 1  
Chemotactic factor, (86) 219  
Cholesterol, (86) 139; (86) 145; (86) 251  
Cholesterol accumulation, (86) 153  
Cholesterol synthesis, (86) 123  
Chondroitin sulfate, (86) 9  
Chondroitin sulfate proteoglycan, (86) 9  
Cigarette smoke, (86) 49  
Collagen mRNA, (86) 55  
Co-manifestation, (86) 211  
Continuous ambulatory peritoneal dialysis (CAPD): Dyslipoproteinemia, (86) 183  
Coronary atherosclerosis, (86) 85  
Coronary heart disease, (86) 145  
Cultured cells, (86) 153  
  
Density gradient fractionation, (86) 69  
Dermatan sulfate, (86) 9  
Diabetes mellitus, (86) 17  
Diet, (86) 145; (86) 173  
Dietary fat, (86) 95  
Dietary fat composition, (86) 163  
Direct genomic sequencing, (86) 239  
Diurnal variation, (86) 163  
  
Elastase, (86) 227  
Elderly, (86) 31  
Explants, (86) 227  
Extracranial carotid artery stenosis, (86) 31  
  
Factor VII activity, (86) 163  
Familial hypercholesterolemia, (86) 1; (86) 193  
Fat distribution, (86) 251  
  
Gelchromatography, (86) 173  
Glycoproteins, (86) 49  
Glycosaminoglycans, (86) 49  
  
HDL<sub>E</sub>, (86) 183  
HDL-cholesterol, (86) 39  
Heparan sulfate proteoglycan, (86) 9  
Heparin, (86) 227  
Heparinase, (86) 227  
High density lipoprotein subclasses, (86) 111  
Homocysteine, (86) 201  
Homocystinuria, (86) 201  
Homozygous familial hypercholesterolemia, (86) 69  
Hormonal influence, (86) 95  
Human aorta, (86) 9  
Hypercholesterolemia, (86) 145; (86) 183  
Hyperlipidemia, (86) 139  
Hyperlipidic serum, (86) 227  
Hypertension, (86) 211  
  
Immunocytochemistry, (86) 55  
Inheritance, (86) 17  
In situ hybridization, (86) 55  
Insulin-dependent diabetes mellitus, (86) 193  
Interleukin-1, (86) 261  
Intimal thickening, (86) 219  
  
LDL-apheresis, (86) 1  
Lipase activities, (86) 111  
Lipase protein structure, (86) 239  
Lipid peroxidation, (86) 85  
Lipids, (86) 251  
Lipoprotein composition, (86) 95  
Lipoprotein lipase deficiency, (86) 239  
Lipoprotein lipase gene, (86) 239  
Lipoprotein Lp(a), (86) 69  
Lipoproteins, (86) 39; (86) 95; (86) 173; (86) 193  
Low density lipoprotein, (86) 153  
Lp(a), (86) 173  
  
Macrophages, (86) 55  
Migration, (86) 227  
Modified lipoprotein, (86) 153  
Monoclonal antibodies, (86) 69  
Myocardial infarct, (86) 201  
Myocardial infarction, (86) 111

- Neuraminidase, (86) 153  
Newborn, (86) 173
- Obesity, (86) 251  
Occupational stress, (86) 211  
Overweight, (86) 211
- Paraoxonase, (86) 193  
Particle heterogeneity, (86) 69  
Particle size, (86) 69  
Phenotypic change, (86) 227  
Plasma amino acids, (86) 201  
Plasma electrophoresis, (86) 201  
Plasma hydrolysis, (86) 201  
Plasma lipoproteins, (86) 163  
Polymerase-chain reaction, (86) 239  
Polyunsaturated fatty acid, (86) 85  
Population surveys, (86) 39  
Premenopausal women, (86) 95  
Prevalence, (86) 31  
Prevalence of atherosclerosis, (86) 9  
Probucol, (86) 261  
Proliferation, (86) 227  
Proteoglycan, (86) 9
- Rabbit, (86) 227  
Rats, (86) 49  
Risk factors, (86) 17; (86) 31
- Selenium, (86) 85  
Sex, (86) 145  
Sialic acid, (86) 153  
Simvastatin, (86) 183  
SMC migration, (86) 219  
Smoking, (86) 211  
Smooth muscle cells, (86) 55; (86) 123; (86) 227  
Stroke, (86) 31  
Sustained anger, (86) 211
- THP-1 cells, (86) 261  
Tocopherol, (86) 261  
 $\alpha$ -Tocopherol, (86) 85  
Triglyceride fatty acids, (86) 163  
Triglycerides, (86) 145; (86) 251
- Zucker rat, (86) 139

*(Contents – continued from back cover)*

A standardised method of culturing aortic explants, suitable for the study of factors affecting the phenotypic modulation, migration and proliferation of aortic smooth muscle cells H.F. McMurray, D.P. Parrott and D.E. Bowyer (U.K.)	227
Molecular basis of lipoprotein lipase deficiency in two Austrian families with type I hyperlipoproteinemia B. Paulweber, H. Wiebusch, G. Miesenboeck, H. Funke, G. Assmann, B. Hoelzl, M.J. Sippl, W. Friedl, J.R. Patsch and F. Sandhofer (Austria, F.R.G.)	239
Body fat distribution in relation to serum lipids and blood pressure in 38-year-old European men: the European fat distribution study J.C. Seidell, M. Cigolini, J.-P. Deslypere, J. Charzewska, B.-M. Ellsinger and A. Cruz (The Netherlands, Italy, Belgium, Poland, Sweden, Portugal)	251
Inhibition of IL-1 $\beta$ expression in THP-1 cells by probucol and tocopherol A.L. Akeson, C.W. Woods, L.B. Mosher, C.E. Thomas and R.L. Jackson (U.S.A.)	261
<i>Author Index (Vol. 86)</i>	271
<i>Subject Index (Vol. 86)</i>	274

